

Clean Version of All Pending Claims

14. (Twice Amended) A method for ablating mucosal or endothelial lining, comprising:
- a) providing a light device comprising a flash lamp;
 - b) inserting the light device inside a body near a mucosal or endothelial lining to be ablated, the mucosal or endothelial lining being on top of a muscle layer;
 - c) energizing the flash lamp to generate a high intensity ultraviolet light; and
 - d) ablating the mucosal or endothelial lining with the generated light, and avoiding causing substantial damage to the muscle layer underneath.
15. (Amended) The method of claim 14 wherein the mucosal lining comprises a mucosal lining of an esophagus.
16. (Amended) The method of claim 14 wherein the mucosal lining comprises a mucosal lining of a throat.
17. (Amended) The method of claim 14 wherein the mucosal lining comprises a mucosal lining of an intestine.
18. (Amended) The method of claim 14 wherein the mucosal lining comprises a mucosal lining of a colon.
19. (Amended) The method of claim 14 wherein the endothelial lining comprises an endothelial lining of a uterus.
20. (Amended) The method of claim 14 wherein the endothelial lining comprises an endothelial lining of a urethra.
21. (Amended) The method of claim 14 wherein the endothelial lining comprises an endothelial lining of a bladder.

22. (Amended) The method of claim 14 wherein the endothelial lining comprises an endothelial lining of an organ.

23. (Amended) The method of claim 14 wherein the endothelial lining comprises an endothelial lining of a duct.

24. (Amended) The method of claim 14 wherein the endothelial lining comprises an endothelial lining of a vessel.

25. (Amended) The method of claim 14 further comprising disposing the light device at a distal end of an interventional device and inserting the interventional device inside the body near the mucosal or endothelial lining to be ablated.

26. The method of claim 25 further comprising transporting a fluid to the light device to dissipate heat generated by the light device.

27. (Amended) The method of claim 14 further comprising characterizing a targeted portion of the mucosal or endothelial lining by transporting a dye to the the mucosal or endothelial lining to stain the targeted portion and wherein the step of ablating the mucosal or endothelial lining comprises using light absorbed by the stained portion.

28. (Amended) The method of claim 14 further comprising introducing a drug near the mucosal or endothelial lining and activating the drug through the light.

29. The method of claim 25 wherein the interventional device comprises an expandable balloon enclosing the light device.

30. The method of claim 29, further comprising transporting a fluid to the balloon to dissipate heat generated by the light device.

31. The method of claim 14, further comprising disposing a lens comprising a lenticular pattern in a pathway of the light generated by the flash lamp.
32. The method of claim 31 wherein the lenticular pattern comprises a fresnel pattern.
33. The method of claim 14, further comprising stepping up the voltage of a power supplied to the flash lamp.
34. The method of claim 33 wherein stepping up the voltage comprises connecting the flash lamp to a transformer.
35. The method of claim 33 wherein stepping up the voltage comprises using a separate lead connected to a foil disposed adjacent the flash lamp.
36. The method of claim 33 wherein stepping up the voltage comprises depositing a layer of metalization adjacent the flash lamp.
37. The method of claim 14 further comprising redirecting some of the light generated by the flash lamp.
38. The method of claim 37 wherein redirecting some of the light comprises using a reflector.
39. The method of claim 14 further comprising filtering the light generated by the flash lamp.
40. (New) The method of claim 27 wherein the targeted portion of the mucosal or endothelial lining comprises a diseased portion.